



FlexScan® F980

55 cm (21 inch) Class Color Display Monitor



FlexScan® F980

Designed for high-end graphics use, the FlexScan F980 represents EIZO's most advanced and feature rich CRT monitor to date. The 21 inch screen, high refresh rates, and fine dot pitch give CAD/CAM, DTP, and DIP professionals sharp focus, true color reproduction, and crisp text at high resolutions.

55 cm (21 inch) Class Color Display Monitor

Super Fine Dot Pitch

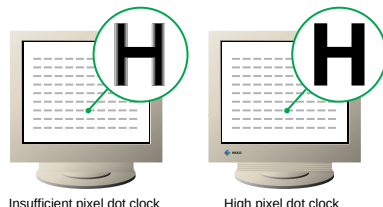
The F980 utilizes a newly designed shadow mask CRT with an extremely fine dot pitch of 0.23 mm (horizontal pitch of 0.20 mm) for precision focus. A wide horizontal scanning frequency of 30-137 kHz allows for a recommended resolution of 1600 × 1200 at 109 Hz (addressable) and a maximum resolution of 2048 × 1536 at 85 Hz to increase the amount of information that can be displayed on the screen.

Automatic Color Correction

This new function detects and automatically compensates for discrepancies in video signal output levels sent from the graphics card to assure accurate color temperature and brightness. Color correction also unifies color temperature when two computers are connected to the F980, even if the graphics cards and operating systems are different.

Pixel Dot Clock

An extremely high pixel dot clock of 400 MHz allows the F980 to produce a sharp and clear picture at the maximum resolution of 2048 × 1536 at 85 Hz. Even text on a white background is displayed without blur or distortion.



Video Bias Circuitry

The F980's new video bias circuitry minimizes color changes caused by variations in brightness, even with fluctuations from 0-100%. Mini-

mization of cross modulation gives the F980 more realistic color reproduction than was previously possible.

Ergonomic Standards

The F980 complies with the most stringent ergonomic standards including TCO'99, the CE Mark, TÜV Rheinland/ Ergonomie, and the EPA ENERGY STAR® Program.



i-Sound™ Sound Unit

For the enhancement of multimedia applications, EIZO offers the i-Sound, a separately sold speaker unit which comfortably attaches to the control panel console of the F980. The i-Sound is equipped with two speakers, two stereo mini-jack cables, and a microphone.

Advanced Functions

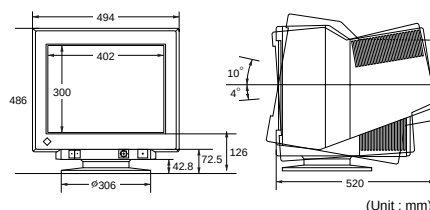
- Digital Signal Processor (DSP) to correct screen distortion.
- Two signal filters to eliminate ghosting and moiré.
- Auto-Sizing button located on the front bezel for simple and quick readjustment of the displayed image to the ideal setting.
- Two video input terminals (D-Sub 13W3 and BNC × 5) for simultaneous attachment of two computers to the F980.
- USB hub with one upstream port and four downstream ports.
- PowerManager™ and off timer functions to reduce energy consumption to under 3 watts during periods of inactivity



FlexScan® F980 Specifications

CRT Size	55 cm (21 inch) class, 90° deflection Invar Shadow Mask
CRT Phosphor Pitch	0.23 mm / 0.20 mm (H)
CRT Surface Treatment	SuperErgoCoat®
Scanning Frequency	H: 30 - 137 kHz V: 50 - 160 Hz
Input Signals	RGB Analog
Input Terminals	D-Sub 13W3 and BNC × 5 (switchable)
Active Display Size	402 mm (H) × 300 mm (V) (Diagonal: 501 mm)
Recommended Resolution	1600 dots × 1200 lines, flicker-free at 109 Hz (max.) (2048 dots × 1536 lines at 85 Hz addressable)
Screen Control	ScreenManager®, ScreenManager Pro for USB, One Touch Auto Adjustment Function (Auto-Sizing)
Power Management System	VESA DPMS and EIZO MPMS ¹
Power Consumption	140 W
Power Save Mode 1	Less than 15 W
Power Save Mode 2 (Off)	Less than 3 W
Plug & Play ²	DDC 1/2B
Dimensions	494 mm (W) × 486 mm (H) × 520 mm (D)
Net Weight	30.0 kg
Safety Standards	TÜV Rheinland/GS, CB, CE Mark
Ergonomic/Environmental Standards	TÜV Rheinland/Ergonomie Geprüft (including ISO 9241-3, ISO 9241-7 [Positive/Class I, Negative/Class II], ISO 9241-8 and MPR-II), EPA ENERGY STAR® Program, Energy 2000, TCO'99
USB Standard ³	USB Standard Rev. 1.0
USB Ports	1 upstream port (for computer or another hub), 4 downstream ports (for peripherals)

¹ EIZO MPMS is a power management system developed by EIZO to replace Swedish NUTEK which was discontinued at the end of 1997.
² Only valid when computer system supports all Plug & Play functions (personal computer, graphics board, Windows® 95/98). For more details, please refer to the Windows 95/98, personal computer, and graphics board manuals or contact the manufacturers.
³ Not all computers, operating systems, or peripherals may be compatible with the USB interface.



(Unit : mm)



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Specifications are subject to change without notice.

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